



PATENT ABSTRACTS OF JAPAN

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(57) Abstract:

PURPOSE: To maintain easy operations such as printing and priming without moving an ink jet head and thereby realize the simplification and miniaturization of a structure by selecting the rotating position of a multifunctional pipe with a platen function.

CONSTITUTION: A multifunctional pipe 3 with slit-shaped connecting holes 9L, 9C, 9R which are selectively caused to communicate with a printing table part 6, a wiping part 8 or an ink absorbing hole 4 and are divided in a circumferential direction and formed on the outer peripheral surface, are rotatably engaged with the outer periphery of a suction pipe 2 on which a slit-shaped ink suction hole 4 located in the nozzle array direction of a line ink jet head 1 and a hollow hole 5 leading to the ink suction hole 4 to a negative pressure generating part, are formed. Consequently, it is possible to clean the fouling of the nozzle by wiping in printing and perform a priming action to absorb the ink from the nozzle.

